

General Specifications 1738-ADN12

Attribute	Value
Power consumption, max	8.1W @ 28.8V DC
Power dissipation, max	2.8W @ 28.8V DC
Thermal dissipation, max	935 BTU/hr. @ 28.8V DC
Isolation voltage	50V (continuous), Basic Insulation Type Type tested at 800V DC for 60 s, Comm to System, Comm to User power, Comm to Ground, User power to System, User power to Ground and System to Ground.
Field power bus voltage, nom	24V DC
Field power bus supply voltage range	10...28.8V DC
Field power bus supply current, max	10 A
LED indicators	1 green/red Adapter status 1 green/red DeviceNet status 1 green/red POINTBus status 1 green System Power (POINTBus 5V power) 1 green Adapter Power (24V from field supply)
Dimensions (HxWxD), approx.	112 x 72 x 65 mm (4.41 x 2.83 x 2.56 in.)
Weight, approx.	360 g (12.7 oz)
Enclosure type rating	Meets IP65/66/67/69K (when marked)
Mounting base screw torque	M4 (#8) screw 0.86 Nm (7.5 lb-in) in Aluminum 1.81 Nm (16 lb-in) in Steel
Wiring category ⁽¹⁾	1 – on power ports 1 – on communications ports

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- (1) Use this Conductor Category information for planning conductor routing. Refer to publication [1770-4.1](#), Industrial Automation Wiring and Grounding Guidelines.